

REMARKS

Claims 1-12 are pending in this application. Reconsideration of this application is respectfully requested.

§103 Rejection of claims 1-12

The Office Action rejects claims 1-12 under 35 U.S.C. §103(a) as unpatentable over U.S. Patent No. 5,937,066 to Gennaro ("Gennaro") in view of U.S. Patent No. 6,927,869 to Simpson ("Simpson"). This rejection is respectfully traversed.

Independent claim 1 recites, *inter alia*, "**partially rendering a portion of the protected document; performing proxy transformation on the partially rendered document** using the proxy key; and **decrypting the proxy transformed partially rendered document** using the session key (emphasis added)." Applicant respectfully submits that, even if Gennaro and Simpson were combined, the Gennaro/Simpson combination would not include such a feature.

At page 3, lines 6-13, the Office Action acknowledges that Gennaro does not teach the above feature. However, the Office Action asserts that this admitted deficiency in Gennaro is taught by Simpson. The Office Action is incorrect.

Simpson teaches at col. 3, lines 1-62 (see especially, lines 1-4 and 47-62): receiving at a print agent all, or a portion, of a document; rendering (in its entirety) the received document portion; and printing the rendered document portion. Applicant respectfully asserts that in order to print a portion of a document, the portion of the document printed must, by definition, be fully rendered. Therefore, Simpson teaches receiving all or a portion of a document; decrypting the all or a portion of a document, fully rendering the decrypted all or a portion of a document, and then printing the decrypted, rendered all or a portion of a document.

Such an approach is quite different from an approach that includes, "**partially rendering** a portion of the protected document; performing proxy transformation on the **partially rendered** document using the proxy key; and **decrypting the proxy transformed partially rendered document** using the session key (emphasis added)," as recited in the claims. In Simpson, a portion of a document is fully rendered, but nowhere does Simpson disclose, teach or suggest "**partially rendering** a portion of [a] protected document."

Support in the original specification and figures for the above recited feature may be found throughout the original specification and drawings. For example, specific support may be found in the original specification at page 10, lines 2-17, page 11, lines 26-31, and page 12, line 6 through page 13, line 31, and Figure 3.

For example, 10, lines 2-6, state that "if [a] message is authenticated, control continues to step S1800, **where rendering of the document under encryption begins**. This is possible because an additive encryption scheme is used to encrypt the document in a format-preserving way. Control then continues to step S1900 (emphasis added)."

Further, page 11, lines 26-31, states that "[t]he document processing device renders the **protected document** in the trusted manner. This is possible because an additive encryption scheme is used to encrypt the document in a format-preserving way. . . . The document processing device **performs the proxy transformation on the partially rendered document** using the proxy key and **subsequently decrypts** the document using the session key (emphasis added)."

In addition, page 12, line 6 through page 13, line 31, describes an additive encryption scheme and a trusted rendering approach that may be performed before decryption (e.g., see page 12, lines 30-32). As stated at page 13, lines 23-31, "[u]nlike a simple application of an encryption scheme to a document which results in encrypting the entire document, **only a portion of a document**, such as image tokens, content and/or their positions, layout and the

like, is encrypted, so that the encrypted document is still in its valid format and can be rendered directly but possibly with the contents scrambled and positions misplaced. This makes it possible to perform document decryption in a late stage of the rendering process and provide further protection on the document even during the rendering process. The deferral of decryption is achieved by using additive encryption schemes to encrypt position information and one-way hash functions to protect image tokens." (emphasis added).

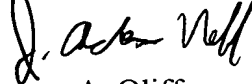
For at least these reasons, it is respectfully submitted that independent claim 1 is distinguishable over the applied art. Independent claim 6 includes features similar to those addressed above with respect to claim 1 and is, therefore, distinguishable over the applied art for at least the same reasons. Claims 2-5 and 7-12 depend from independent claims 1 and 6, respectively, and are likewise distinguishable over the applied art for at least the reasons discussed above, as well as for additional features they recite. Accordingly, withdrawal of the rejection is respectfully requested.

Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-12 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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